

# 2023-09-13 Meeting notes

Prev Discussion items

Details	Item	Who	Notes
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ONAP SO vs SMO sync	I release	Byung	<p>Discuss on the ONAP Service orch pieces that could come handy to the SMO.</p> <p>ASD, Inventory, IMS and DMS, E2E orch flow...</p> <p>IMS :</p> <p>once a a sub cloud is created we need that details to be avaiable to the DMS.</p> <p><b>ETSi - profile - Tacker</b></p> <p>The Tacker will be through helm deployment will be done on top of the OCloud,</p> <p>This Tacker will then help the SMO to deploy the workloads of ETSi specific.</p> <p>Tacker talks to the O-Cloud for the DMS operations - this uses the ETSi specifications and translates it internally uses the K8s APIs for the deployment.</p> <p><b>K8s Profile - CNF orch piece of the ONAP SO</b></p> <p>Inventory - persist the info of the clouds that are created in the Day 1.</p> <p>This inventory should be the transition for all the sub-sequent operations in the SMO and further down to the other components of the ORAN(-SC).</p> <p>Stories under the Epic for the ETSi profile DMS to be created - Toshi.</p> <p><b>Prev Meetings:</b></p> <p><b>30th Aug 2023</b></p> <p>Create Stories under the Epic for the I release and follow up.</p> <p>This is the current target for the I release</p> <ul style="list-style-type: none"> <li>• Tacker would be integrated with Inf project and DMS interfaces would be tested .</li> <li>• Tacker should continue the H release effort and then take it forward</li> <li>• Who would start the flow (David) <ul style="list-style-type: none"> <li>◦ We would start with the interfaces with the inf (Seshu)</li> <li>◦ This is ok, but need to also make sure we would need the other components in the SMO in the long run. need to check when and how long would it take to reach it.</li> </ul> </li> <li>• O2 should have some way in IMS to register that would help us to make the connect to the DMS, DMS would be exposed and consumed but we would need to have the connect to have the E2E registration between the IMS to the DMS flow. (David)</li> <li>• This would also include the parts of the inventory that would need to be on the FoCOM part that needs to be exposed and consumed by the DMS and deploy the workloads (Seshu and David)</li> <li>• Missing part is not described in ORAN yet but in ONAP with the interactions with the inventory function (Shankar).</li> <li>• E2E flow would be to have the FoCOM and NFO to have the interactions and have the handsoff with the change in the inventory record, the nature of the de-coupled SMO would not have the explicit event to DMS.</li> <li>• A messaging bus with a pub-sub would be ideal to have to this transition notified.</li> </ul> <p>-----</p> <p>SMO to OAM</p> <ul style="list-style-type: none"> <li>• Toshi CRs for the possible flows on the SMO in the WG1 - (need to reexamine and start it to see how would it help us to have the above points addressed).</li> <li>• Try to influence the WG1 with a sample implementation.</li> <li>• Restore the older flows of Toshi and put them up for the upcoming meetings. (David).</li> </ul> <p><b>2nd Aug 2023</b></p> <p>Review the ETSi profile DMS slide deck through Tacker flows and prep for RSAC meeting.</p> <p>Find the integration points,</p> <p>correct the ETSi sol definitions around the APIs,</p> <p>Architecture diagram to be reviewed from the E2E flow.</p> <p>Test cases to be reviewed if and when they are ready.</p>

Energy Saving		Rittwiki	<p>4 capacity cells and coverage cell in center, generate the PM metrics (Like throughput) and use it for AI ML mode testing.</p> <p>The ask is was to check if we have a simulator that can generate such a data can be used dynamic based on the time of the day.</p> <p>Once they are generated they can be used by the AI ML project and then the rApp projects to simulate the required data and validate the flows.</p> <p>Step 1: Detect / predict, through AI ML body.</p> <p>Step 2 : once detected we should be able to perform action through the rApp. handle the users and switch off the cell.</p> <p>Alex confirms we don't have a ready to use simulator yet but needs to check if that can be made available.</p> <p>This can further be checked in ToC meeting this week.</p> <p><b>30 Aug 2023:</b></p> <p>Data set from Tim would be a starter.</p> <p>Viavi volunteered to help and test it</p> <p>Train a model and Bimo (Taiwan) would help</p> <p>Connect Udi with Ritwik for Energy efficiency Plugfest data. - <b>Seshu</b></p>
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- The placement of the Tacker code needs to be clarified - Toshiaki.
- Update the flow diagram for the homing, inventory and deployment of the NFs using tacker - Toshiaki
- Test case to be used - co-ordinate with Integration team - CSAR package from the prev package - Toshiaki
  - Step 1 : A simple app that can be considered as a low lying fruit to validate the flow
  - Step 2:
  - Possibilities are VNFM Radisys OCU / OAI-OCU for the E2E flow testing once they are ready
  - NRT RiC that could be deployed on oCloud.
- The FM data on O2 is available in Nov 2022, on O2 IMS.
  - @David Kinsey
  - This need to be validated and on the IMS part and DMS needs to be clarification.
  - ORAN-SC-INF has already validated the FM data part in their release package.
  - PM would be available by March 2024
  - @Yuya Kuno : Currently O-RAN WG6 is pending on FM/PM of O2dms, but O2dms of NFV-Profile started to develop FM/PM based on SOL002/SOL003 by Nov train.

## 2023-08-23 Meeting notes:

Details	Item	Who	Notes

## Recording